

~~CONFIDENTIAL~~**SECRET**

April 1, 1955

25X1

1A1. PACKAGING, SKETCH

Enclosed you will find a pencil sketch for the container caps we discussed on March 24, 1955.

These caps will be used on two types of containers. One container has a nominal O. D. of 4 inches, the other a nominal O. D. of $4\frac{1}{2}$ inches. We need twelve of the smaller caps and three of the larger size. Type 316 stainless is being used for the container shells and bottoms; hence, it would be desirable if you could use the same material for the caps. A second choice would be Type 304, and it is requested that you go to this if you cannot obtain the 316 within a couple of days.

After the original design was made, we decided to modify it by adding a chain which would serve to permanently attach the cover to the container so it could not be lost or mislaid. I wish you would try to get some stainless chain and devise a method of attaching it to some sort of pivot welded to the center of the cap. The other end of the chain will be welded to the side of the container about 2 or 3 inches below the top, so that when the cap is unscrewed, it will hang against the side of the container. Our experience has been that it is best to do the welding before cutting the threads so as to avoid distortion.

We want the cap to be drawn down against the rubber gasket in $2\frac{1}{2}$ or 3 turns. Are the threads shown on the sketch adequate for this? The need for these caps is fairly urgent. I will plan on coming to Boston as soon as you have them finished and pick them up. The billing will be the same as with the other item made at

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DOC 41	REV DATE 30 JUNE 80	BY 057447
ORIG COMP 056	GPI 56	TYPE 01
ORIG CLASS S	PAGES 1	REV CLASS S
JUST 22	NEXT REV 2010	AUTH: HA 70-2

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As ever,

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Enclosure
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1-Chrono
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